

36th SOLID MECHANICS CONFERENCE

9-12 September 2008, Gdańsk, Poland

Traditional series of international Solid Mechanics Conferences (Solmech), organized every two years by the Institute of Fundamental Technological Research of the Polish Academy of Sciences, under auspice of the Committee of Mechanics of the Polish Academy of Sciences, has favored the exchange of ideas and experience between scientists and researchers from several countries in numerous areas of solid mechanics:

- Biomechanics
- Geomechanics
- Elastic-plastic continuum and other field theories of solids
- Fracture, damage mechanics and fatigue of advanced materials
- Micromechanics
- Thermomechanics of alloys, phase transitions and shape memory alloys
- Mechanics of structures and optimization
- Shells: theory and computations
- Coupled problems: thermodynamics of solid – fluid systems
- Computational aspects of solid mechanics and applications.

Results of research concerning fundamentals of solid mechanics (including experimental, theoretical and numerical methods), and the applications of its up-to-date achievements in the analysis of phenomena occurring in advanced materials (nano-grained materials, thin and graded layers, new generation intermetallics, advanced composites, cellular materials, shape memory alloys, etc.) as well as in structures and mechanisms (including mems, active control of structures, synthesis methods, etc.) are invited for presentation.

Invited General Lectures

- **Lallid Anand**, Massachusetts Institute of Technology, Cambridge, U.S.A.
- **Franz D. Fischer**, Institute of Mechanics, Montanuniversitat Leoben, Austria
- **Luigi Gambarotta**, Universita di Genova, Italy
- **Rimantas Kacianauskas**, Vilnius Gedyminas Technical University, Lithuania
- **Mariusz Kaczmarek**, Uniwersytet Kazimierza Wielkiego, Bydgoszcz, Poland
- **Bhushan Karihaloo**, Cardiff School of Engineering, Cardiff University, Wales, UK
- **Robert O. Ritchie**, Ernest Orlando Lawrence Berkeley National Laboratory, U.S.A.
- **Peter Wriggers**, Universität Hannover, Germany

Paper Submission and Important Dates

Each presenting participant is requested to submit an extended two – page abstract.

Extended abstract deadline: **Dec. 31, 2007**
Acceptance: **Mar 1, 2008**
Camera-ready abstract deadline: **Mar 30, 2008**
Conference date: **Sept. 9-12, 2008**

Conference Fee

Registration fee includes: welcome party, participation at all sessions, conference materials, coffee and beverages during two breaks and lunches each day. The estimated conference fee is:

Early registration fee (to April 30, 2008): **230 €**
Standard registration fee: **280 €**
Conference Party fee: **50 €**

Accommodation

Accommodation is not included in the Conference fee. The organizers will provide help in choosing suitable hotels, see the Conference Web Page: <http://solmech08.ippt.gov.pl> .

Contact

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